

Ohio Beetles Bulletin

Occasional Publication of the Ohio Coleopterists

Edited By: Ken Karns

Species@columbus.rr.com

Issue Number: 10

May 2012



Cleridae: *Pelonides quadripunctatus* (Say)

The Ohio Beetles Bulletin (OBB) was developed to provide the Ohio Coleopterists membership a means of communication in conjunction with the Ohio Coleopterists Newsletter. It is hoped the OBB will provide an informative and enjoyable means of sharing information on the fascinating world of Beetles.

“When we have experienced the atavistic joy of collecting in the open air and the manipulative pleasure of setting and mounting our chosen beetles there follows the refined intellectual delight of naming them with precision”.

Quote by G.B. Walsh taken from the first edition of the Coleopterists Handbook. W.J.B. Crotch, General Editor London, December 1953.

Cover Photo: *Pelonides quadripunctatus* (Say). Specimen was reared from Black Walnut branches. Caged 04-March-2012, Emerged 28-March-2012, Indoor rearing cage. Fairfield County, Ohio. (Specimen 5.0 mm) Ken Karns collection and photo.

Canopy Flight Intercept Trap



(figure 1.) Sante Traps all black Canopy Trap in place about 30 feet up in a nice clear area in mixed upland hardwoods.

At my cabin property in Vinton County, Ohio I have set-up several continuous running ground level flight intercept traps and Lindgren Funnel traps to sample the beetle diversity year round. So... it was not surprising when I found this “canopy” flight intercept trap I just had to try it!

This particular trap is made by a company out of Lexington, Kentucky called Sante Traps (www.santetraps.com). Sante Traps manufactures a wide range of insect traps and collecting supplies. Although canopy sampling, to my knowledge, has not been done extensively in Ohio, I am hoping for some unusual or seldom encountered predominantly arboreal species. I have only had the trap running for a few weeks and although some nice things have been collected there is nothing I haven’t seen before. The trap ideally should be situated as high up in the canopy as you can manage. I utilized a fishing pole and sinker and after several attempts was able to pull up a rope and hoist the trap up about 30 feet or so (figure 1.) The unique feature of this trap is the combination of flight intercept and Malaise design. The center portion flight intercept has a four panel design which allows intercept from four sides (see arrow figure 3.) Insects (beetles) that contact one of the four panels can either drop or begin crawling up. Those that drop are captured in the lower “funnel” wet collection vial as in a traditional flight intercept design (figure 2.) and those that crawl upwards are directed, through the inverted funnel design, into the upper collecting vial in traditional Malaise fashion (figure 3.) I will report back on the success, or lack thereof, in a later issue.

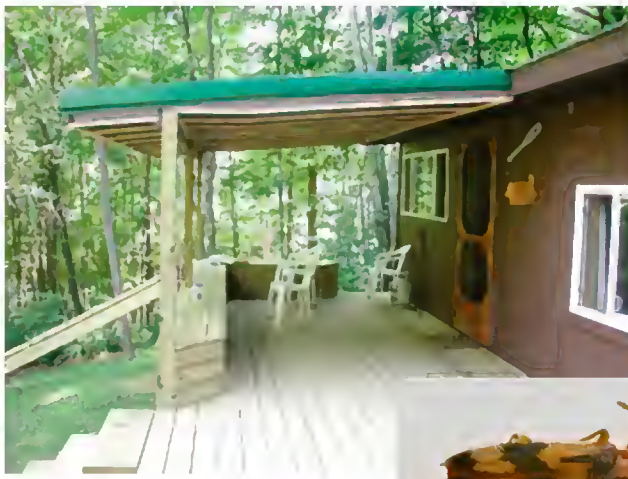


(figure 2.) Lower collection vial where beetles that “hit and drop” are collected.



(figure 3.) Upper collection vial where climbing beetles are funneled into the collecting vial.

Ohio Coleopterists Field Trip June 15-17, 2012



The Ohio Coleopterists will be descending upon Vinton County in beautiful, and beetle rich, southeastern Ohio for a great weekend of beetling at the cabin and property of Ken and Cathy Karns. The Karns property consists of 24 acres of upland hardwoods with two streams and a couple of caves (rock formations) all butting up against the Zaleski State Forest and Lake Hope State Park. The beetle diversity and collecting here has been nothing short of amazing! I currently have several flight intercept traps and Lindgren funnel traps running with excellent areas for collecting at lights. I will be arriving at the cabin Friday evening around 6:30 pm and will be staying until Sunday morning. The grill will be started each evening so bring your own grilling favorites and drinks. The cabin has a fold out bed, regular bed, and a couple of cots. There is also ample floor space and room for tents or camper. This is an "off the grid" cabin so instructions on the use of the composting toilet will be given on site. Hope to see some new faces....details below:

WHAT: OC Field Trip and Get Together

WHEN: June 15-17, 2012

TIME: Approx. 6:30 pm Friday through Sunday Morning.

WHERE: Ken & Cathy Karns Cabin
72660 Gambill Hollow Road
Albany, OH. 45710

Directions: see this issue of the OBB, next page

CONTACT: Please RSVP by e-mail at Species@columbus.rr.com

Ken Karns Cell: 740-215-4305
Home: 740-653-7510

**Ken & Cathy Karns Cabin
72660 Gambill Hollow Road
Albany, Ohio 45710**

Directions to Karns Cabin Property as Above:

Total Mileage From 1637 Sheridan Drive, Lancaster - 54.9 miles

Drive Time Approx. 1.25 hours

(Drive time only slightly less from Rt. 33 in Lancaster)

Directions:

Rt. 33 SE From Lancaster-travel 21 miles to Rt. 93 at Logan

Turn Left (South) on Rt. 93

Rt. 93 South-travel 23 miles to Rt. 50 at McArthur

Turn Left (East) on Rt. 50

Travel 6.4 miles to State Forest Road (CR 29)

Turn Left on State Forest Road (CR 29) Just past Sign “Zaleski ...Horse Camp...”
(White house with Red Roof on corner)

Travel CR 29 for 1.7 miles to 4-Way Intersection

Continue Straight Through Intersection (Do Not Bear Left)

Travel 2.8 Miles From Intersection, Turn Right at Metal Gate (Karns Cabin)

Glad you could come! ☺